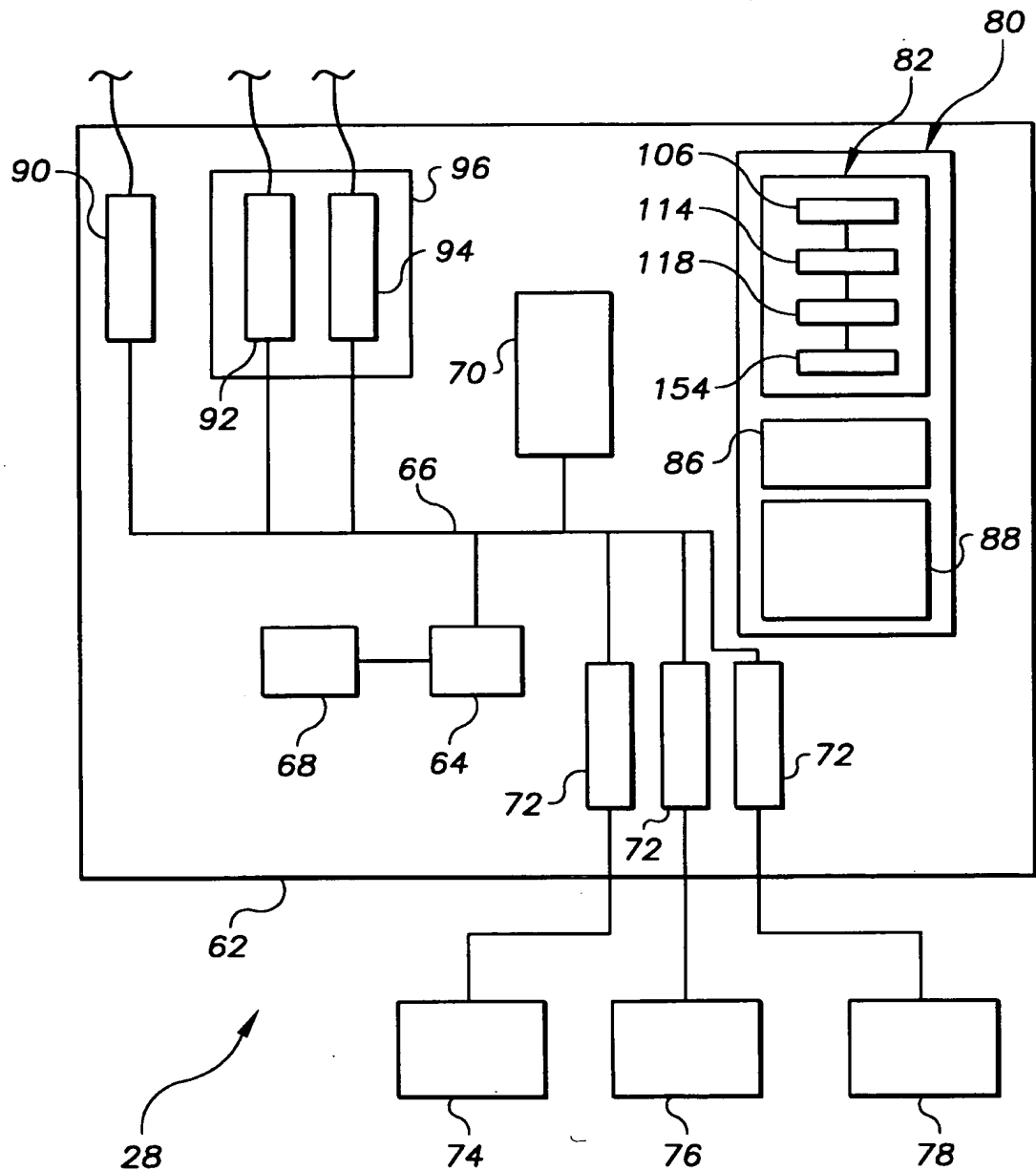


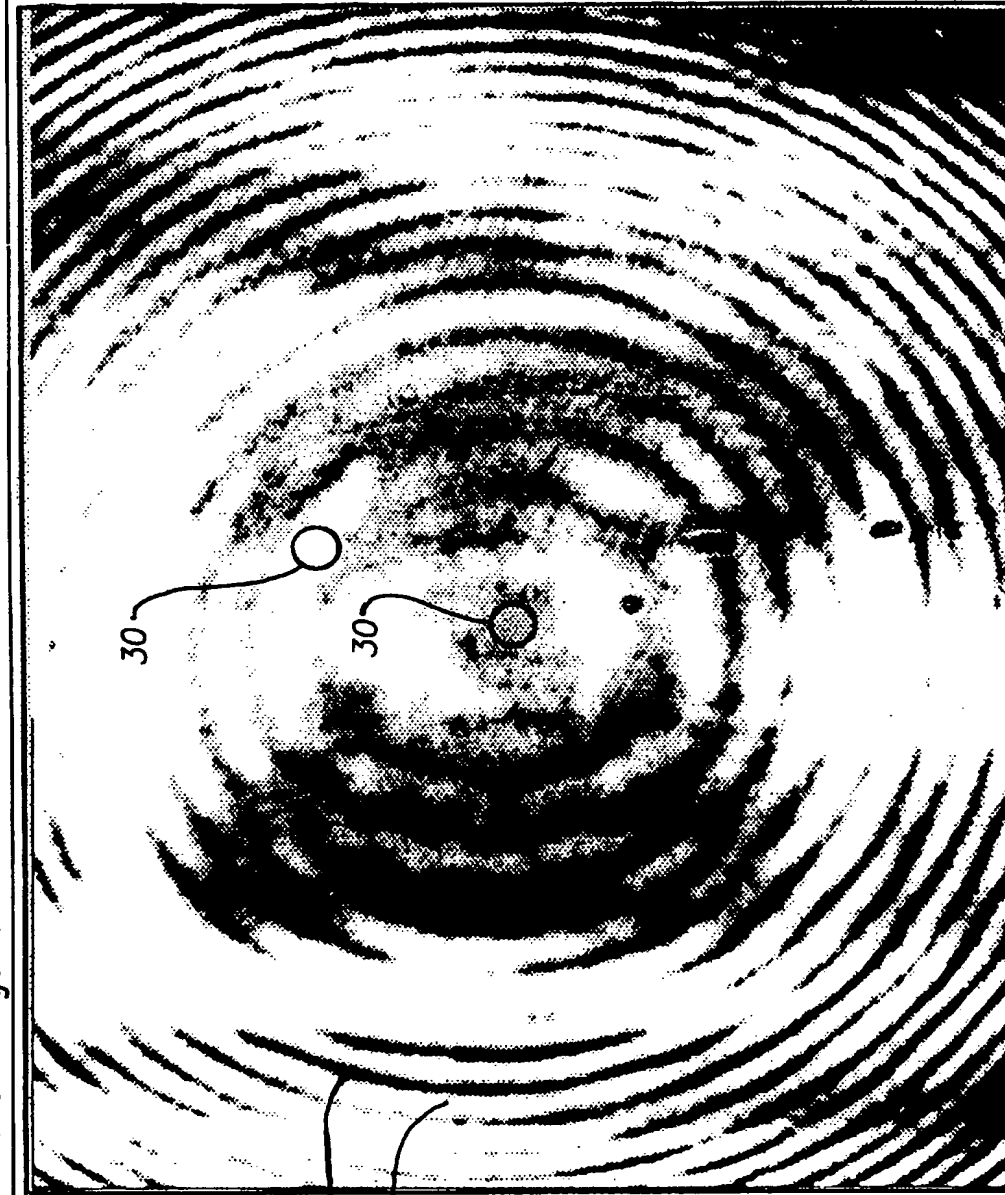
FIG. 1

FIG. 2



The Fringe Counter V2.0

FIG. 3-1



TO FIG.
3-3

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SYSTEM AND METHOD FOR AUTOMATED
FRINGE COUNTING USING IMAGE INFORMATION
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TO FIG. 3-2

98

FIG. 3

FIG. 3-1 100	FIG. 3-3 102
FIG. 3-2 104	

FIG. 3-2

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SYSTEM AND METHOD FOR AUTOMATED
FRINGE COUNTING USING IMAGE INFORMATION
HUSTON ET AL.
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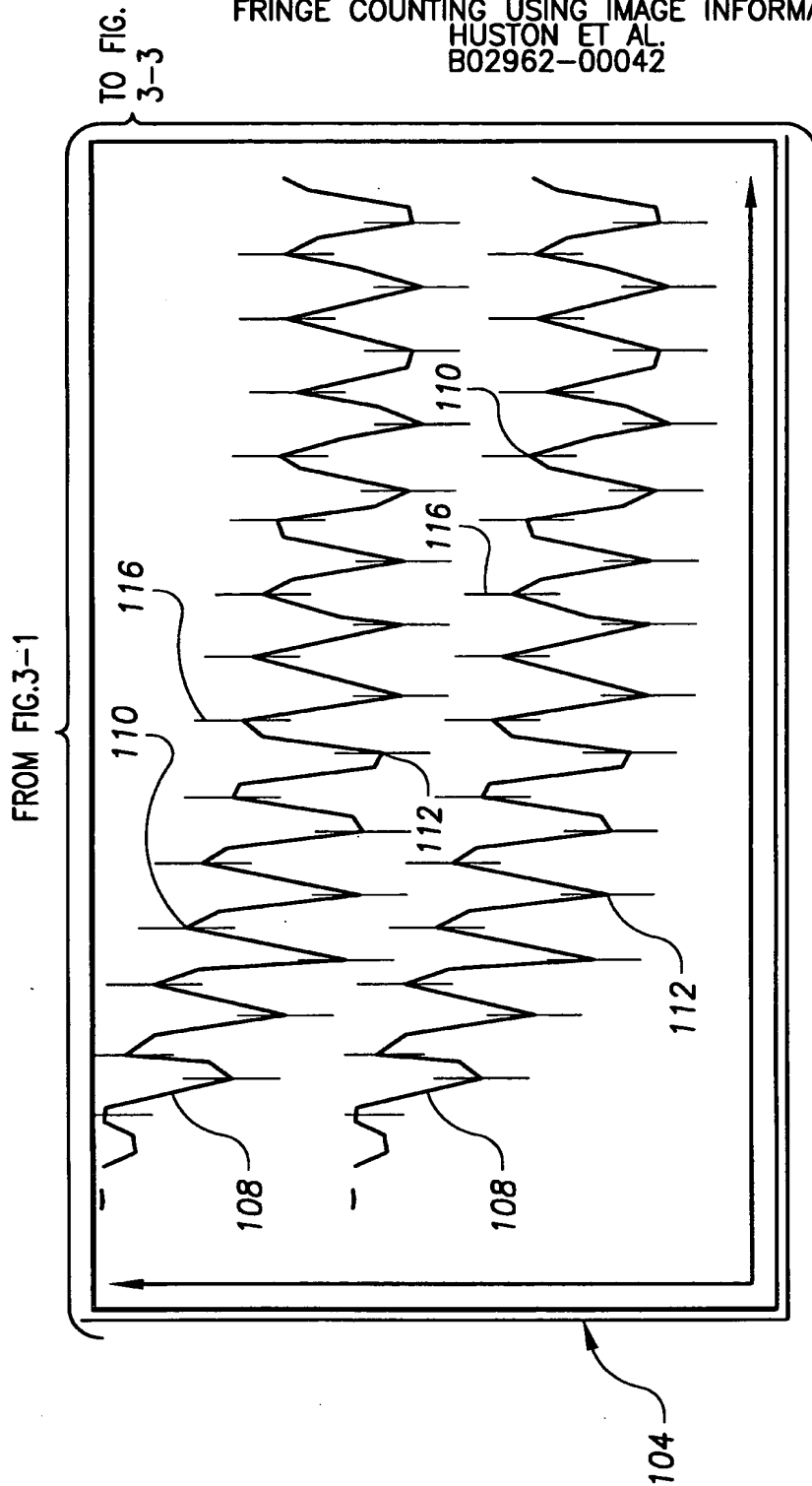


FIG.3-2

FIG.3-3

FROM FIG.3-1

142

152

FROM FIG.3-2

120

130

132

134

136

122

138

140

146

148

124

150

102

158

160

126

162

164

128

156

166

Camera View Control

Brightness

Contrast

Refresh Frequency: 30 Hz

Inflating Control

Maximum Pressure: 4 kPa

Inflating Speed: 0.5

Times of Measurement 1 x

Start Pause Stop

Analysis Control

Sensitivity beginning: 3

Sensitivity end: 3

☐ Manual Check

Calculation Control

Shape: quadratic ▾

Edge Length: 1.25 mm

Thickness: 2 μ m

Poisson: 0.275

Files

Chose Output File

Name: out.dat

Chose Location of Maple

Manual Check

Finish

Results

Display

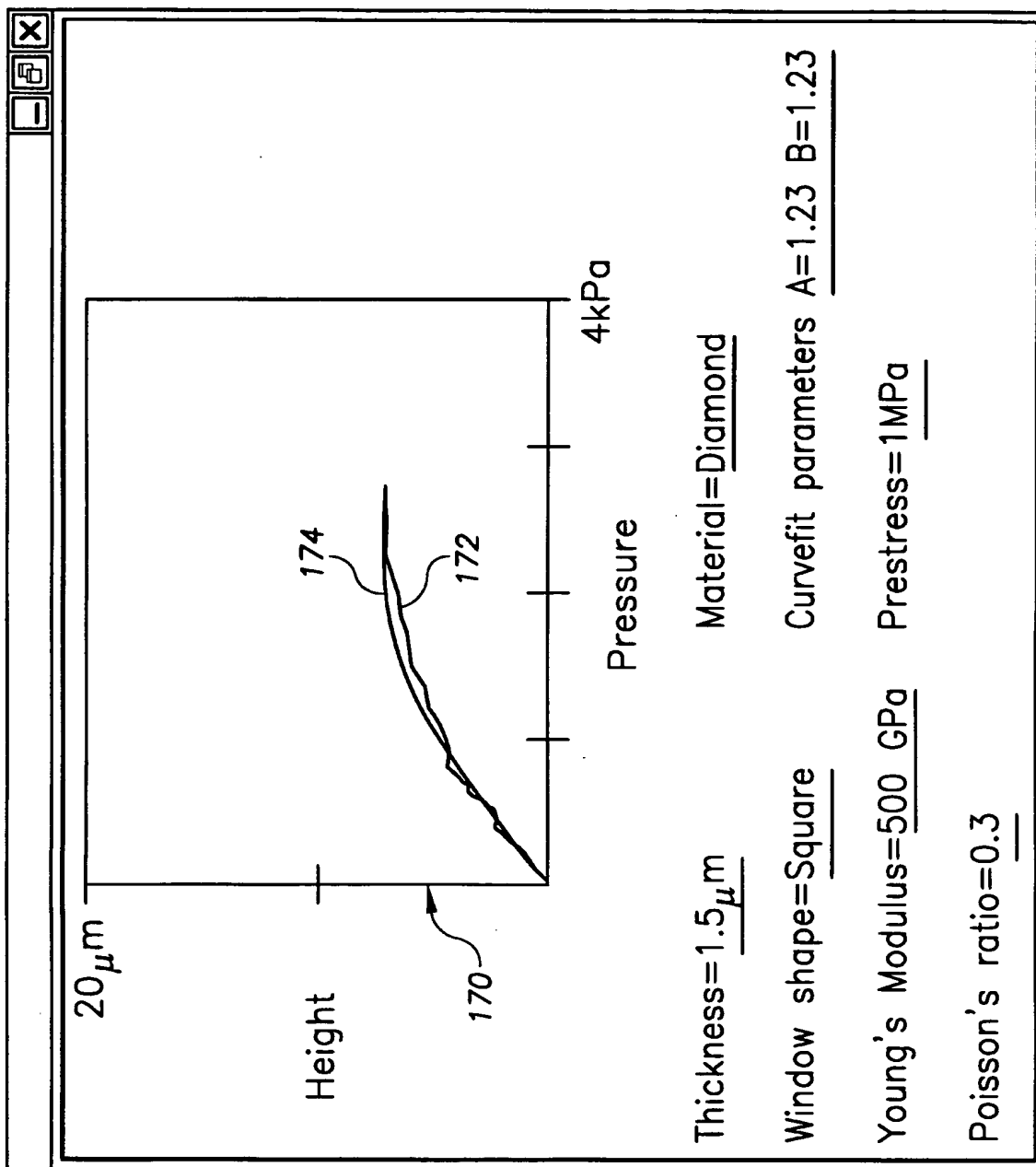


FIG. 4

FIG.5

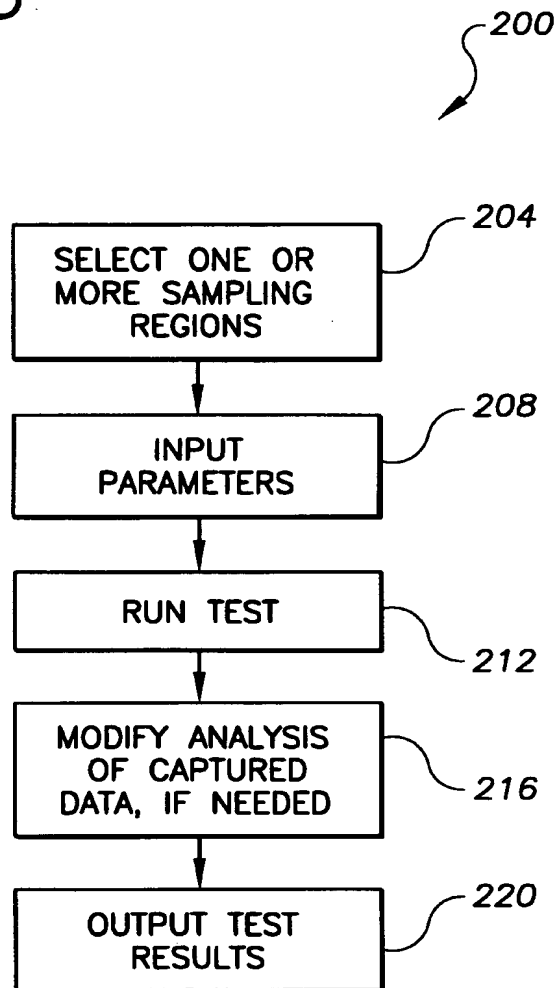
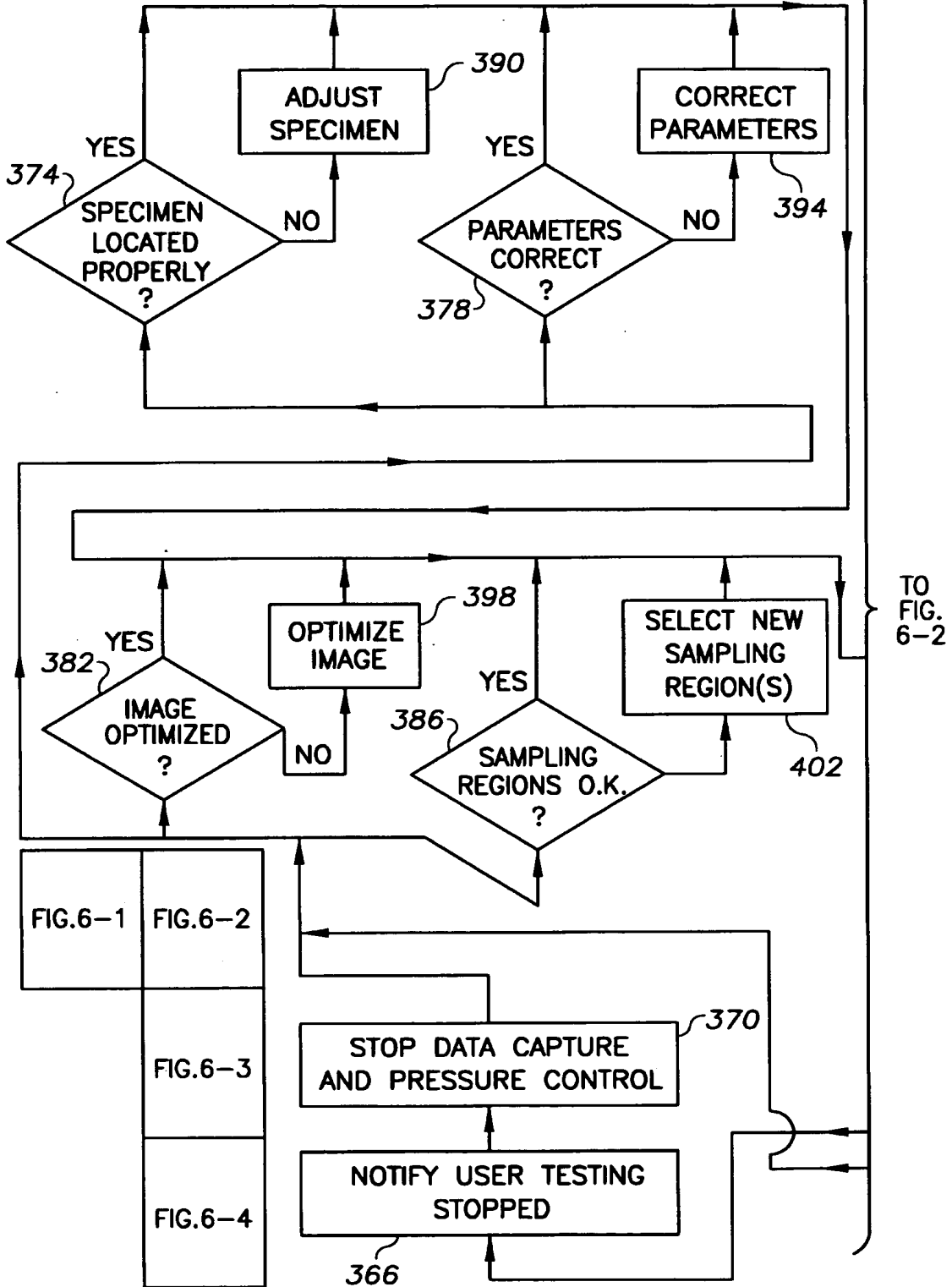
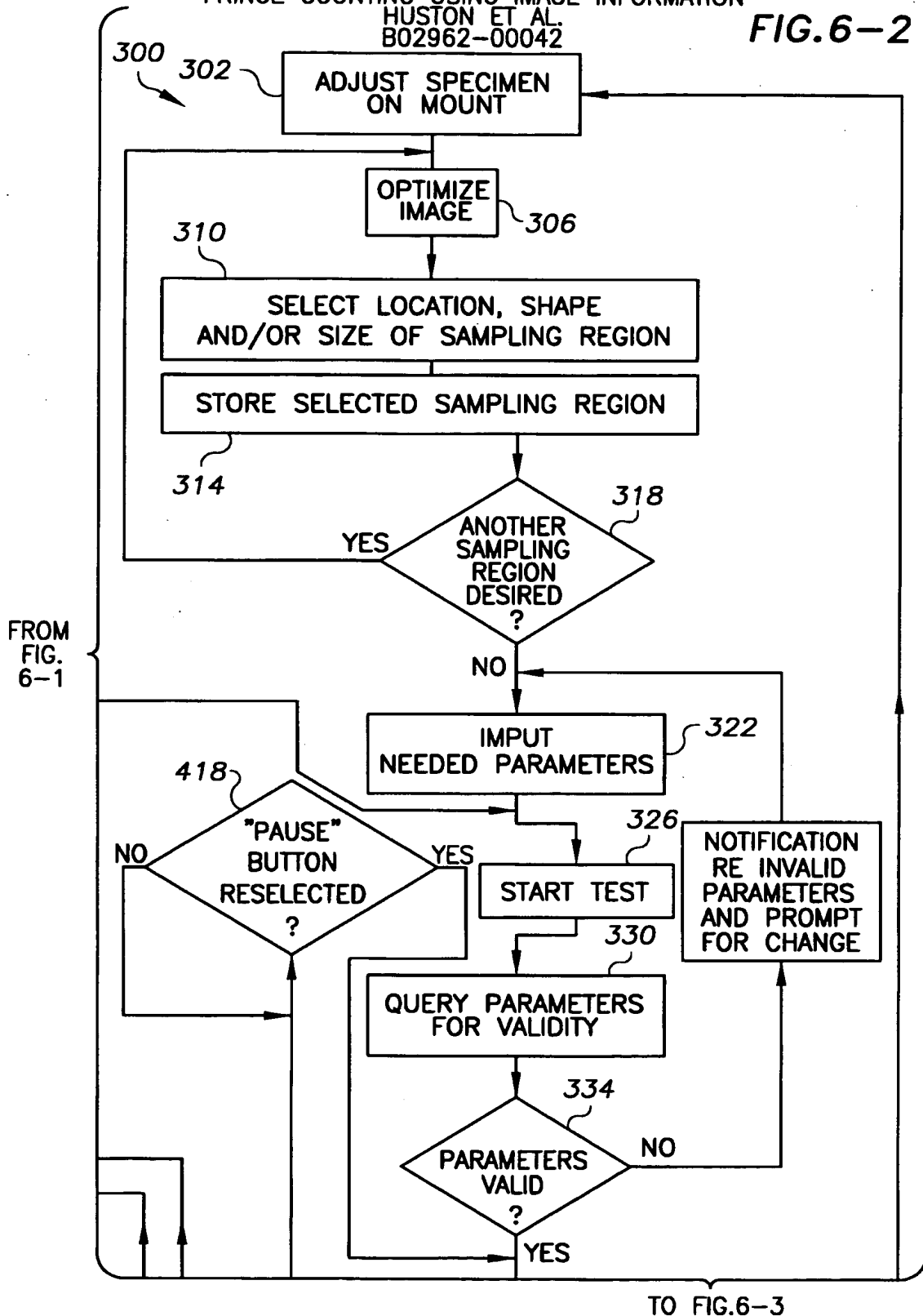
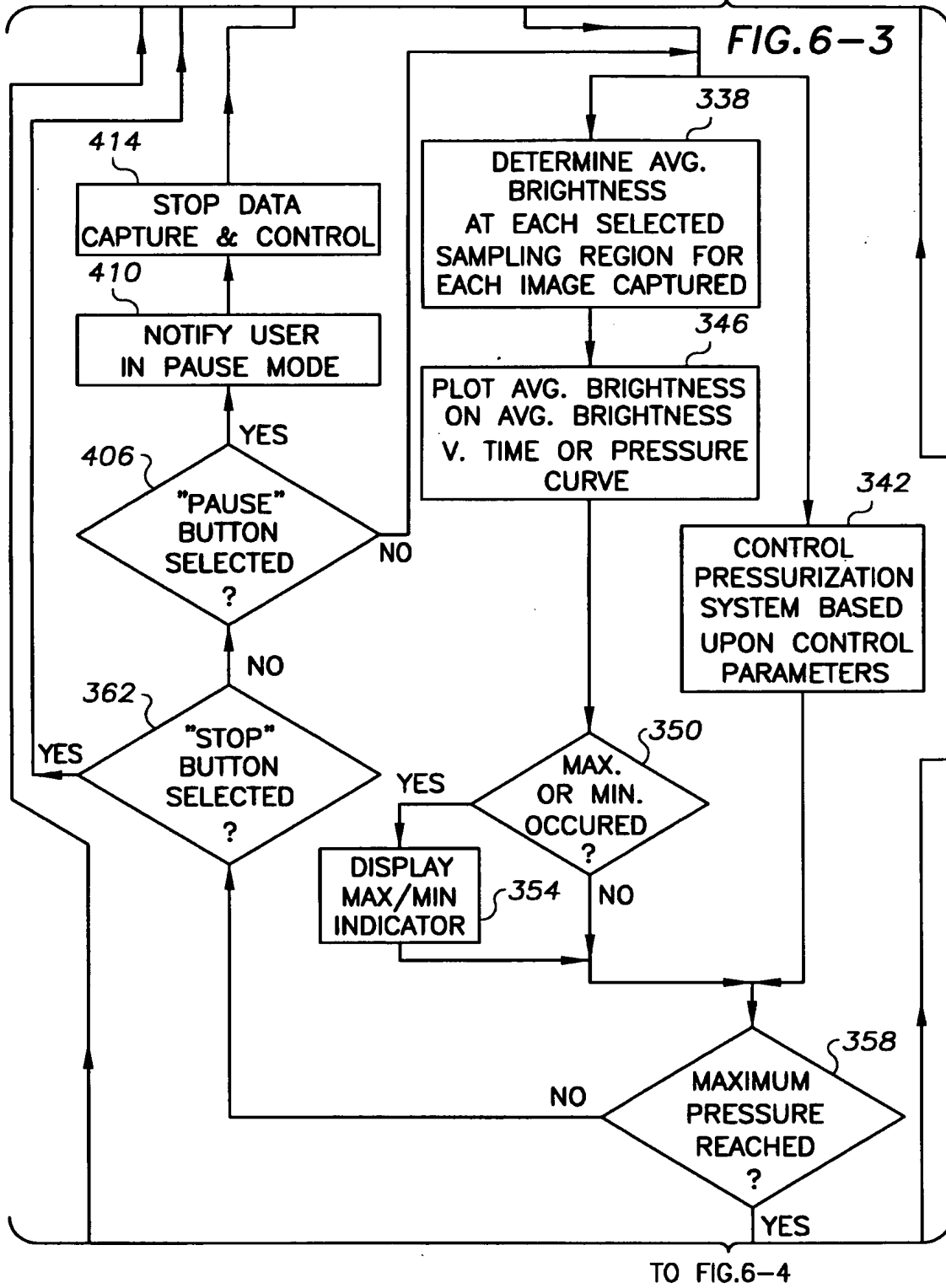


FIG.6-1





FROM FIG.6-2



TO FIG.6-4

FIG.6-3

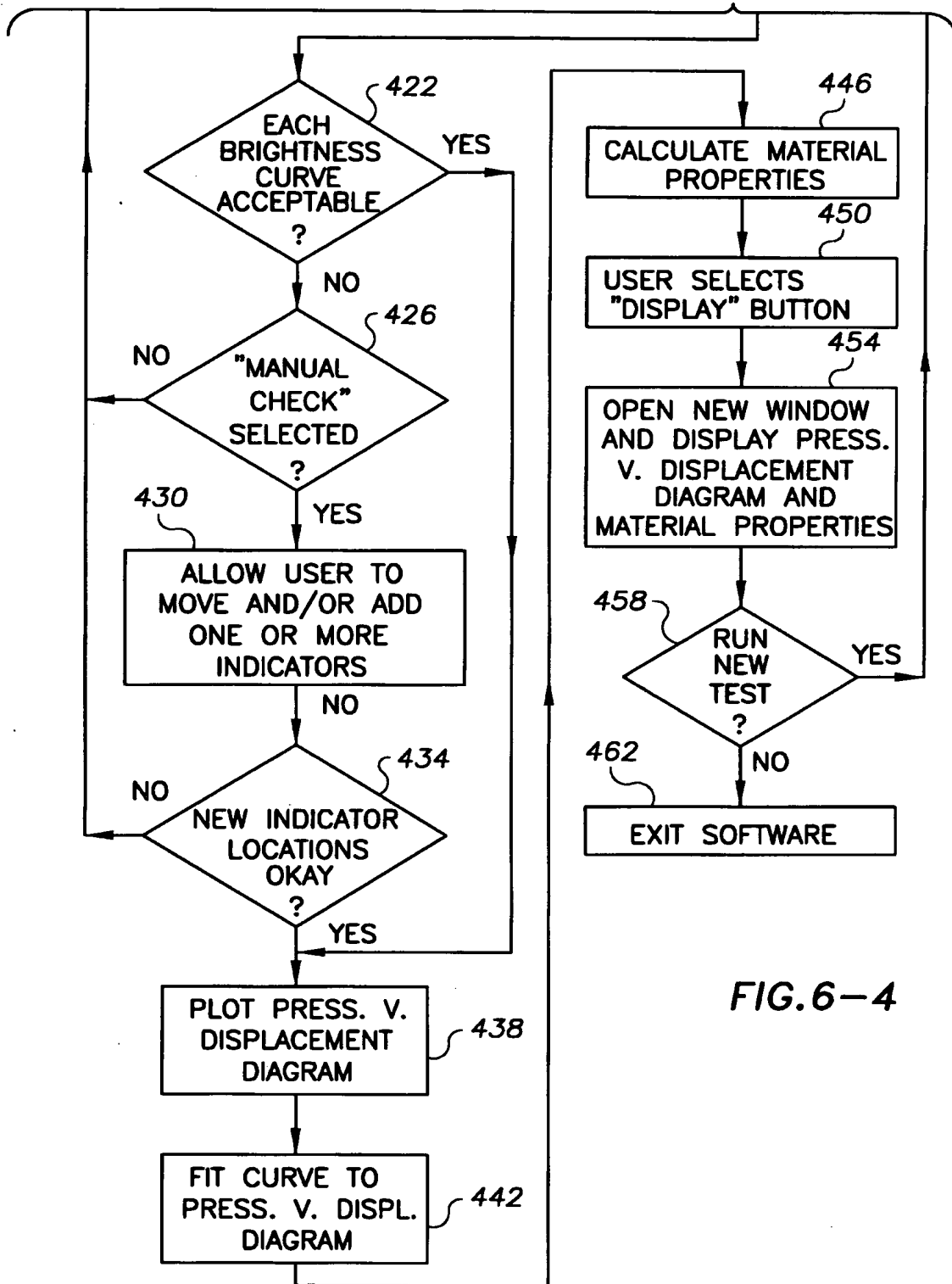


FIG.6-4

FIG. 6-4